# Renewable & Sustainable Energy Reviews

# **Editor-in-Chief:**

L. Kazmerski, National Renewable Energy Laboratory (NREL), 1617 Cole Boulevard, Golden, CO 80401-3393, USA, Phone +1 303 384 6600, Fax: 303 384 6604, E-mail: kaz@nrel.gov

#### Associate Editors

A.S.A.C. Diniz, Politechnical Institute, Pontifical Catholic University of Minas Gerais, Dom Jose Gaspar, 500, 30535-901 Belo Horizonte, Brazil

A.S. Bahaj, Faculty of Engineering and the Environment, Sustainable Energy Research Group, University of Southampton, Highfield, Southampton, SO17 1BJ, UK

# **Bioenergy and Hydrogen Energy**

S. Karellas, National Technical University of Athens, Greece

# **Biomass and Biofuels**

**M.J. Struebig,** Queen Mary, University of London (QMUL), London, England, UK

# Concentrating Solar Power (Solar Thermal and PV)

A.W. Bett, Fraunhofer Institute for Solar Energy Systems ISE, Freiburg, Germany

E.B. Stechel, Arizona State University, Tempe, AZ, USA

# **Economics and Financing**

I. Ozturk, Cag University, Mersin, Turkey

# **Energy Efficiency and Architecture**

M. Sala, Università degli Studi di Firenze, Firenze, Italy C. Warner, National Renewable Energy Laboratory (NREL), Golden, CO, USA

### **Fuel Cells**

**A.J. Appleby,** Texas A&M University, College Station, TX, USA

#### Geothermal Energy

P. Blum, Karlsruhe Institute of Technology (KIT), Karlsruhe, Germany

# **Hydrogen Energy**

T.N. Veziroglu, Miami, FL, USA

# Markets, Applications and Industry

P. Mints, Navigant, Palo Alto, CA, USA

T.C. Nordman, TNC Consulting AG, Horgen, Switzerland

#### Photoconversion

N. Dai, Chinese Academy of Sciences (CAS), Shanghai, China

M. Grätzel, École Polytechnique Fédérale de Lausanne (EPFL), Lausanne, Switzerland

#### Photovoltaics

R. Corkish, University of New South Wales, Sydney, NSW, Australia

C.S. Solanki, IIT Bombay, Mumbai, India

M. Yamaguchi, Toyota Technological Institute, Tempaku, Nagoya, Japan

#### Policy and Assessment

D.J. Arent, Joint Institute for Strategic Energy Analysis, Golden, CO, USA

M.F. Jentsch, University of Southampton, Southampton, UK

### Renewable Energy: Developing Countries

**A.A.M. Sayigh,** World Renewable Energy Network, Brighton, UK

# Renewable Energy: Science and Technology

S. Ghazi, Islamic Azad University, Tehran, Iran C. Samaras, RAND Corporation, Pittsburgh, USA

#### Renewable Energy Education

C. Honsberg, Arizona State University, Tempe, AZ, USA

### Renewable Energy Infrastructure

H. Abualhamayel, King Fahd University of Petroleum & Minerals, Dhahran, Saudi Arabia

L. Ozgener, Celal Bayar University, Manisa, Turkey

# Renewable Energy Technologies: Reliability and Standards

**B. Bandyopadhyay,** Ministry of New and Renewable Energy, Delhi, India

M.G. Tamizhmani, Arizona State University, Mesa, AZ. USA

# Resource Assessment

**D. Renne**, National Renewable Energy Laboratory (NREL), Golden, CO, USA

# Solar Thermal

G. Datta, University of Delhi, New Delhi, India

**B. Norton,** Dublin Institute of Technology, Dublin, Ireland

# Transportation

**B. Goodman,** National Renewable Energy Laboratory (NREL), Golden, CO, USA

G. Wang, California Air Resources Board, Sacramento, CA, USA

#### Wind

M.A. Alder, Optimum Energy Ltd, Stroud, England, UK

**R. Thresher**, National Renewable Energy Laboratory (NREL), Golden, CO, USA

# All Articles for *Renewable & Sustainable Energy Reviews* are published in the journal and online within ScienceDirect

# Aims and Scope

Renewable & Sustainable Energy Reviews publishes specially commissioned review articles designed to bring together under one cover, current advances in the ever broadening field of renewable and sustainable energy. The coverage of the journal includes the following areas:

 $\textbf{Resources \cdot} \textbf{B} io energy \cdot \textbf{G} eothermal \cdot \textbf{H} y drogen \cdot \textbf{H} y dropower \cdot \textbf{O} cean \cdot \textbf{S} olar \cdot \textbf{W} ind$ 

Applications and Services • Buildings • Industry and Electricity • Transport

Policy • Economic aspects • Environmental impact, emissions • Political aspects • Energy planning • Social aspects • Trends: past, present, future

**Environmental Impact and Sustainability** 

Regional Focused Coverage of Renewable Energy

Renewable & Sustainable Energy Reviews publishes specially commissioned review articles which bring current advances in this ever broadening field together under one cover.

Authors are encouraged to focus their contributions to the journal on one of three type of review:

- -Overview: comprehensive, structure coverage on the status of developments across a field, including extensive bibliographies
- -Progress: development in a specific focused area over the previous 12-24 months
- -Opinion: commentary on 'hot topic' areas from leading contributors